



SEQUENCE LISTING

<110> GILAD, Shlomit
EINAT, Paz
GROSMAN, Avital

<120> METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA

<130> GILAD=2B

<140> 09/833,031
<141> 2001-04-11

<150> 09/680,420
<151> 2000-10-06

<160> 29

<170> PatentIn version 3.1

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<212> DNA

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<220>

<223> Synthetic oligonucleotide primer

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<223> n is a, c, g or t.

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22

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<400> 3

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22

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<210> 8
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ggagtttagtc cttgaccact ag 22

<210> 9
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<220>
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<400> 9
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taagtgccta aaatggaata aattgctttt ctacataacc ccaaaaaaaaaa aaaaaaaaaaa     180
gcggccgc                                              188

<210> 11
<211> 169
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

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gggtgacctg tttcaccagc aggccctgtt ctctccatga ctaactgtgt aagtgcctaa      120
aatggaataaa attgcttttc tacataaccc caaaaaaaaaa aaaaaaaaaaa     169

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<223> n is unknown.

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<223> n is unknown.

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<222> (320)..(320)
<223> n is unknown.

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<223> n is unknown.

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<223> n is unknown.

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<222> (538)..(538)
<223> n is unknown.

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tcttgtctag agtctagcaa atatagtacc tttcattgca ggatttctgc ttaatataac		180
aagcaaaanc aaacaactga aaaaatataa accaaagcaa accaaacccc ccgctcaact		240
acaaaatgtca atattgaatg aagcattaaa agacaaacat aaagtaactt cagctttat		300

ctagcaatgc	agaatgaatn	ctaaaattag	nggcaaaaaaa	ncaaacaaca	aacaacaaac	360
aaaacaaanc	aaacaancaa	aaaatcccac	caatcttcat	ggtaaactt	tcctgctcag	420
ggatgtaa	tgactctaga	ccatnccgg	ttcctgcgg	tagcacagcc	angatcatct	480
gaagatcatg	ccaaatntca	tgaccacggc	aatgccatg	cccctgcgc	gatgatgnng	540
aatttattgg						550

<210> 13
<211> 491
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

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cgccttc	gataaggcca	agctgaagaa	aacggagacg	caggagaaga	acaccctgcc
gaccaaagag	accattgagc	aggagaagcg	gagtgaaatt	tcctaagatc	ctggaggatt
tcctacccccc	atccttctcg	agaccccagt	cgtgatgtgg	aggaagagcc	acctgcaaga
tggacacgag	ccacaagctg	cactgtgaac	ctgggcactc	cgtgccatg	ccaccggcct
gtgggtctct	gaagggaccc	cccccaatc	ggactgccaa	attctccggt	ttgccccggg
atattataga	aaattatattg	tatgaataat	gaaaataaaaa	cacacctcgt	ggcaaaaaaaaa
aaaaaaaaaa a					491

<210> 14
<211> 206
<212> DNA
<213> Artificial Sequence

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aaattagaag	ataaaaacat	acttttagaa	gaaaaaagat	aaattaaac	ctgaaaagta
ggaagcagaaa	aaaaaaaaaa	aaaaaaa			206

<210> 15
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<212> DNA
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<222> (55)..(55)
<223> n is unknown.

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cgcgggactg tgatcgggct ccagctactt caccaccccg ggccagcctg ctccaggggt 120
cccttcctgc tgagagcagg cgagaggcag tcaggctcat gaagcagcca ccgggtttgg 180
ctcaactggaa ggaatcacac tggaaa. 206

<210> 16
<211> 178
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

<400> 16
tttttttttttttct gtgtccactg gagagcttga gctcacactc aaagatcaga 60
ggacctacag agagggctct ttggtttag gaccatggct taccttcct gccttgacc 120
catcacaccc catttcctcc tctttccctc tccccgctgc caaaaaaaaaaaaaaaa 178

<210> 17
<211> 127
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<223> n is unknown.

<220>
<221> misc_feature
<222> (112)..(112)
<223> n is unknown.

<400> 17
gaattcgatg cgtattctgt ggcccgccat ctgcgcaggg tggtgttatt ctgccattta 60
cacacgtcgt tctaattaaa aagcgaatna tactccaaaa aaaaaaaaaaa angcggccgt 120
tgaattc 127

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<210> 18
<211> 115
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

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gggattccag atggtcaaat aaaaaaaaaatg ttccctaaact tggtgatatg aactc      115

<210> 19
<211> 204
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

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<221> misc_feature
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<223> n is unknown.

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tattccttt tctatgaaat aatgtgaatg ataataaaac agctttgact tgaaaaaaaaa      180
aaaaaaaaaag cggccgctga attc                                         204

<210> 20
<211> 109
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

<400> 20
gaattccctc cccctccttg tgccttcttt gtatataggc ttctcacggc gaccaataaa      60
cagctcccag tttgtatgca aaaaaaaaaa aaaagcggcc gctgaattc                         109

<210> 21
<211> 191
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

<400> 21
gaattcagcg gccgcgtttt tttttttt ttgggagaag tgtataaatt attatgttga      60

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caagcagaga aagaaaagtt aaataccaga taagctttt attttgtat tgttgcac	120
cccttgccct caataaaataa agttctttt tagtccaaa aaaaaaaaaa aaaaaagcg	180
ccgctgaatt c	191
<210> 22	
<211> 106	
<212> DNA	
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<220>	
<223> PCR Amplified Human	
<400> 22	
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ccctgccaag atggctgaga aggcaaagca aatttatgaa gaattc	106
<210> 23	
<211> 63	
<212> DNA	
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<220>	
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ttc	63
<210> 24	
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<223> n is unknown.	
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ggccgatgtc cagcctcaga acttctggaa ctgcttcttg gtgccggcag ccttggtgac	120
ctttagcact ttgaagcgca ctgtcttgct cagaggccgg cactcgccca ctgtgacgat	180
gtcacccgatc tggacgtccc tgaagcaggg ggacaggtgt acagacatgt tcttggcg	240
cttctcgaaag cggttgtact tgcggatgta gtgcagatag tctcggcgg a gacaatgg	300
cctctgcattc ttcatcttgg tcaccacgcc agagaggatc cgccctcgaa tggacacatt	360
accaagtgaa gggcatttc ttgtcaatgt aggtgccctc aatagcctcc ttgggtgtct	420

tgaagcccag accgatgttc ttgttagtacc gcgggagctt ctccttgcca gtttctccca	480
gcaggaccct cttcttgtt tgaaagatgg tcggctgctt ttggtagtca cgctcagtct	540
aatgtccgc catcttcccg ggcgcctgaa aaaaaaaaaaaa aaaaaaa	586

<210> 25
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<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

<400> 25	
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aaggatctcc ttcatccctc tccagaagag gagaagagga aacacaagaa gaaacgcctg	120
gtgcagagcc ccaattccta cttcatggat gtgaaatgcc caggatgcta taaaatcacc	180
acggctttta gccatgcaca aacggtagtt ttgtgtgttg gctgctccac tgtcctctgc	240
cagcctacag gaggaaaagc aaggcttaca gaaggatgtt ctttcaggag gaagcagcac	300
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ccg	363

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<211> 563
<212> DNA
<213> Artificial Sequence

<220>
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gagcccagtg acaccattga gaatgtcaaa gccaaaattc aagacaagga gggtatccca	180
cctgaccagc agcgctctgat atttgcggc aaacagctgg aggatggccg cactctctca	240
gactacaaca tccagaaaga gtccaccctg cacctgggtt tgccctgctg aggtggcatt	300
attgagcctt ctctccgcca gcttgcccaaa aaataacaact gcgacaagat gatctgccgc	360
aagtgcatacg ctgccttca ccctcggtct gtcaactgcc gcaagaagaa gtgtggtcac	420
accaacaacc tgcgtcccaa gaagaaggc aaataagggtt gttctttcct tgaaggcag	480
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<211> 662
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<223> n is unknown.

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<222> (633)..(633)
<223> n is unknown.

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actcatcctc tggcagctgg atcttgctgg ggtcgaagca gttggattcc atgatggaa 180
ggccattggc ctctcggtat ttcacaagcc tctcagcttc gcggcgggac cactcttca 240
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tgctgccaag gaccangatg atggagacgc caaagaagaa gacaagtgcg atgttccaaa 360
cgtccaaaaaa cggggccct gtcataacca atggggaaatc cggggcctc ccatacaagt 420
tttcgtcctc gggttctggg tccttctgcc acgggtgtggt cgggtctggg ggccgcttc 480
ccgccacagc ggacggggcg accacaatcc tggagaaact agattccaa cgggacgccc 540
gcggggccggg aaccctcgcg tcgcccgtgc cgccaaaaga ccngaacgc tcaaccaa 600
agccaaaccgc aagacaaaatg gtgctgaagg tcncaggcg ggaaagaaaa aaaaaaaaaa 660
aa 662

<210> 28
<211> 504
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Amplified Human

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gcagtcgggtt ggagcgagca tccccaaag ttcacaatgt ggccgaggac tttgattgca 120

cattgttgtt	tttttaatag	tcattccaaa	tatgagatgc	gttgttacag	gaagtccctt	180
gccatcctaa	aagccacccc	acttctctct	aaggagaatg	gcccgagtct	ctcccaagtc	240
cacacagggg	aggtgatagc	attgcttcg	tgtaaattat	gtaatgcaaa	attttttaa	300
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cttcccccctt	ttttgtcccc	caacttgaga	tgtatgaagg	cttttggct	ccctgggagt	420
gggtggaggc	agccagggct	tacctgtaca	ctgacttgag	accagttgaa	taaaagtgca	480
cacctgaaaa	aaaaaaaaaa	aaaa				504

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<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

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tttttt 66